DOCUMENT RESUME

ED 110 825 CE 004 649

TITLE Summary of One-Year Follow-Up Information on Graduates Who Graduated From Full-Time Day Programs of The Minnesota Area Vocational-Technical Institutes Between July 1, 1971, and June 30, 1972. Summary of All Graduates: Across the State.

INSTITUTION Minnesota Univ., Minneapolis. Vocational Follow-Up System.

PUB DATE Nov 73

NOTE 48p.; For related documents, see CE 004 647-648

EDRS PRICE MF-$0.76 HC-$1.95 Plus Postage

DESCRIPTORS *Area Vocational Schools; Curriculum Design; Employer Attitudes; *Followup Studies; *Graduate Surveys; Job Satisfaction; Occupational Clusters; Post Secondary Education; State Surveys; Student Opinion; Technical Institutes; *Vocational Followup

IDENTIFIERS *Minnesota

ABSTRACT

The main purpose of a followup of Minnesota area postsecondary vocational-technical institute graduates was to determine what happens to graduates after they leave school. Information obtained from graduates and their employers allows school personnel to judge the effectiveness of their programs and how they might be improved. Experience with the followup system in Minnesota has been very successful. During the July 1, 1971-June 30, 1972 year returns were received from 80 percent of the graduates and from 92 percent of their employers. The data are presented in 35 tables and corresponding narratives covering the broad subject matter of the graduates' employment status at one year after graduation, including their employment history, employer followup, and graduates' evaluation of their school training programs. Appendixes give the system curriculum guide for broad occupational clusters and curriculum area for specific programs, and a list of the counties in Minnesota's 11 economic regions. (MF)

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Summary of One-Year Follow-Up Information On Graduates Who Graduated From Full-Time Day Programs Of The Minnesota Area Vocational-Technical Institutes Between July 1, 1971, And June 30, 1972

SUMMARY OF ALL GRADUATES:

ACROSS THE STATE

U S DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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November, 1973

JUL 16 1975

CE004649

FOREWORD

This report is one of several featuring one-year follow-up data gathered from students who graduated from the Minnesota Area Vocational-Technical Institutes between July 1, 1971, and June 30, 1972. The data were gathered by the Vocational Follow-Up System under a contract with the Minnesota State Department of Education together with the cooperation of the institutes. Experience with the follow-up system in Minnesota has been highly successful. During the past year returns have been received from 80 percent of the graduates followed up and 92 percent of their employers.

Four different types of follow-up reports have been generated from the data: (1) a summary of data on all graduates followed up across the entire state, (2) a summary of data on graduates followed up in each curriculum area (e.g., auto mechanics) across the entire state, (3) a summary of data on graduates followed up within each institute, and (4) a summary on all graduates followed up within each curriculum area within each institute.

The reports were prepared by the clerical staff of the Vocational Follow-Up System under the supervision of Dominic A. Mohamed and Paul Gunderson. Comments concerning the reports and their effectiveness should be addressed to:

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INTRODUCTION

Why Follow Up Vocational Students?

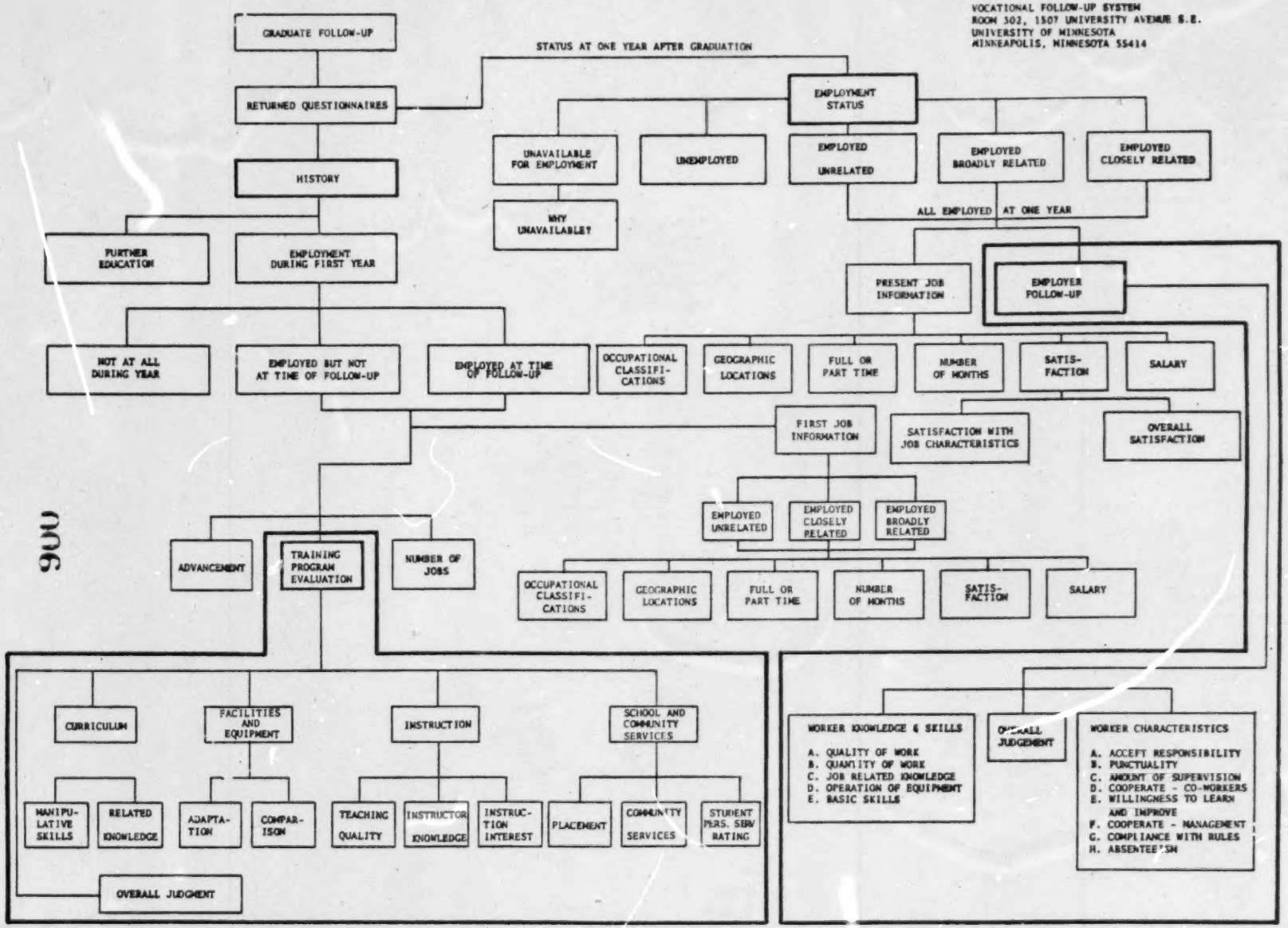
The main purpose of a follow-up of Area Vocational-Technical Institute (AVTI) graduates is to determine what happens to graduates after they leave their vocational institutes. Knowledge obtained from graduates of the Minnesota Area Vocational-Technical Institutes and their employers allows AVTI personnel to determine the present effectiveness of their programs and to specify how those programs might be changed in order to increase their effectiveness.

The Vocational Follow-Up System, aided by a specialized staff which is responsive to the needs of the Area Vocational-Technical Institutes and the State Department of Education, provides a more efficient vehicle for gathering such follow-up information than would be possible if each institute followed up its own students. Efficiency is increased, not only because a central unit can be financed more inexpensively than individual units at each of the Area Vocational-Technical Institutes, but also because a central unit can utilize data-gathering methods which maximize the accuracy of the data and returns.

Figure 1 presents a schematic flow chart of the types of information that were gathered by the System during the past year. A list of table titles is provided on pages 3 through 5.

FIGURE 1

ORGANIZATION OF THE FOLLOW-UP INFORMATION OBTAINED FROM GRADUATES OF MINNESOTA VOCATIONAL INSTITUTES AND THEIR EMPLOYERS



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34. NUMBER OF GRADUATES FROM EACH AVTI INCLUDED IN THIS SPECIFIC REPORT

35. NUMBER OF STUDENTS INCLUDED IN THIS REPORT WHO GRADUATED FROM EACH CURRICULUM AREA

INTERPRETING THE TABLES

The follow-up information summarized in this report was gathered to provide information of interest to people attempting to determine how they might improve vocational programs. Each major type of information gathered is presented below and discussed in reference to the specific tables displaying the information. This explanation should assist you in interpreting what the information means in terms of your programs.

Table 27 is a sample of the tables presented in this report. The information contained in this table is used as an example, and is not information concerning your program. The table is preceded by a heading which explains the information being presented in the table.

TABLE 27: PROGRAM CHOICE -
GRADUATES' SATISFACTION WITH THEIR ORIGINAL
PROGRAM CHOICES ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. GRAD WOULD CHOOSE SAME PROGRAM AGAIN.	X	Y
2. GRAD WOULDN'T CHOOSE SAME PROGRAM AGAIN . . .	Z	I
DID NOT RESPOND	N	
TOTALS	T	A

The number of people who provided the information which is summarized in the table is indicated after "Totals" (i.e., T, which means that the table summarized information obtained from X + Z + N graduates). The categories of the information, or the way the information on the graduates was broken down, are indicated along the left side of the table; i.e., (1)"Graduate would choose same program again", (2) "Graduate wouldn't choose same program again".

and "Did not respond." The numbers of people categorized as "did not respond" represent the number of graduates who were followed up but did not fill out the specific question on the follow-up questionnaire. *Caution: There are other types of categories in some tables of this report which are treated similar to the "DID NOT RESPOND" category in this example, such as: DID NOT INDICATE FIRST JOB; DID NOT RESPOND/NO FIRST JOB; DID NOT INDICATE PRESENT JOB; DID NOT RESPOND/EMPLOYED IN UNRELATED JOBS; DID NOT RESPOND/EMPLOYED IN RELATED JOBS; AND DID NOT RESPOND/NO PRESENT JOB.*

The numbers of people who said they would choose the program again and those who would not choose the program again plus those who did not respond are indicated under the column headed "Number." In this sample table, X graduates indicated they would choose the program again, Z indicated they would not choose the same program again, and N did not respond. The percentage of the T people whose information is included in the table who would choose the program again and the percentage of those graduates who would not choose the same program again are indicated in the column labeled "Percent." The number of people who did not respond to the question are indicated, but they are not included in the calculation of the percentages. In this sample table, X of the T people, or Y percent, would choose the same program again; and Z of the T people, or I percent, would not choose the same program again. In the row labeled "Totals," the total percentage should equal 100; but in some instances the total may be slightly larger or smaller, due to decimal rounding.

Since the follow-up procedures used to gather the information successfully obtained information from 80 percent of the graduates, and not all people completed all items on the questionnaire, care should be used in interpreting

the actual numbers of people in each category. It is more appropriate to interpret the tables using the percentage of people from a program in each category than it is to use the number of people.

DETAILED DESCRIPTIONS OF TABLES

TABLE 1 - EMPLOYMENT DURING FIRST YEAR - GRADUATES' EMPLOYMENT DURING FIRST YEAR AFTER GRADUATION

Table 1 shows (1) how many of the graduates included in this report were employed one year after graduation, (2) how many of the graduates were employed at some time during the year but not at the time when the follow-up was conducted one year after graduation, and (3) how many people were not employed at any time during the year. This group includes people who were unavailable for employment throughout the year as well as those who were unemployed. It is possible to determine the total number of people who were employed at some time during the first year after graduation by adding the first two categories.

Tables 2-5 include information about the first jobs held by graduates employed at the time of follow-up or employed at any time during the year.

TABLE 2 - FIRST JOB RELATEDNESS - DEGREE OF RELATEDNESS OF GRADUATES' FIRST JOBS TO AVTI TRAINING

Table 2 presents information on (1) the number of people who had first jobs closely related to the occupations for which they trained, (2) the number who had first jobs in occupations somewhat related to the curriculum areas from which they graduated, but not the exact occupations for which trained (broadly related), and (3) the number who had first jobs in occupations unrelated to the training they received and the number of people who were followed-up but did not indicate their first jobs. (Refer to Appendix A.)

TABLE 3 - FIRST JOB OCCUPATIONAL CLUSTER - BROAD OCCUPATIONAL CLUSTERS OF GRADUATES' FIRST JOBS

Table 3 indicates the number of graduates whose first jobs were in a variety of broad occupational clusters. Refer to Appendix A, using the "900" number (the number in parentheses after the name of the occupational cluster). The number of people who were followed up but did not indicate first jobs and therefore could not have first job occupational clusters are also shown in this table.

TABLE 4 - FIRST JOB LOCATION GEOGRAPHIC LOCATIONS OF GRADUATES' FIRST JOBS

Table 4 indicates the number of graduates whose first jobs were in a variety of geographical locations and those who were followed-up but did not indicate first job.

TABLE 5 - FIRST JOB FULL OR PART-TIME -
FULL OR PART-TIME STATUS OF GRADUATES' FIRST JOBS

Table 5 indicates the number of graduates whose first jobs were full-time or part-time and the number of those who did not respond and/or did not have first jobs.

TABLE 6 - EMPLOYMENT STATUS ONE YEAR AFTER GRADUATION -
GRADUATES EMPLOYED, UNEMPLOYED, OR UNAVAILABLE FOR EMPLOYMENT
ONE YEAR AFTER GRADUATION

Table 6 indicates the employment status of the graduates one year after they graduated. The information in broken down into five categories: (1) the number of graduates employed in closely related occupations (they entered the exact occupations for which trained), (2) the number of graduates employed in broadly related occupations (they were employed in occupations somewhat related to the curriculum areas from which they graduated but not in the exact occupations for which trained), (3) the number of graduates employed in unrelated occupations (they were employed but in occupations unrelated to the curriculum areas from which they graduated), (4) the number of graduates unavailable for employment (they had legitimate reasons, as documented in Table 14, for being unavailable for employment), and (5) the number of graduates unemployed (they did not have jobs but were actively looking for jobs). Refer to Appendix A for further explanation of relatedness.

TABLE 7 - UNAVAILABILITY -
REASONS GRADUATES WERE UNAVAILABLE FOR EMPLOYMENT
ONE YEAR AFTER GRADUATION

Table 7 presents a breakdown of the number of graduates who were unavailable for employment one year after graduation for a variety of reasons. The breakdown assumes that (1) being in the military, (2) participating in further training, (3) illness, and (4) being a housewife or being pregnant, are legitimate reasons for not being employed. Graduates with other legitimate reasons for unavailability such as death, etc., are included in category (5) other. Category (6) includes the number of graduates who indicated that they were presently not working and were not interested in employment.

TABLE 8 - PRESENT JOB FULL OR PART-TIME -
FULL OR PART-TIME STATUS OF GRADUATES' JOBS ONE YEAR AFTER GRADUATION

Table 8 indicates the number of students employed in full-time or part-time jobs and those who were followed-up but did not respond one year after graduation.

TABLE 9 - PRESENT JOB OCCUPATIONAL CLUSTER -
BROAD OCCUPATIONAL CLUSTERS OF GRADUATES' JOBS ONE YEAR AFTER GRADUATION

Table 9 presents information on the number of graduates employed in a variety of broad occupational clusters and those who were followed-up but did not indicate a present job one year after graduation. Refer to Appendix A, using the number in parentheses after the cluster title (e.g., AGRICULTURAL RELATED OCCUPATIONS, 901).

TABLE 10 - PRESENT JOB LOCATION -
GEOGRAPHIC LOCATIONS OF GRADUATES' JOBS ONE YEAR AFTER GRADUATION

Table 10 presents information on the number of graduates employed in a variety of geographical locations and the number of graduates followed-up who did not indicate a present job one year after graduation. Refer to Appendix B to determine which counties are in each region.

TABLE 11 - NUMBER OF JOBS -
NUMBER OF JOBS HELD BY GRADUATES DURING THE FIRST YEAR AFTER GRADUATION

Table 11 presents information on the number of graduates who held different numbers of jobs during the first year after graduation and the number of graduates who were followed-up who did not respond.

Tables 12 - 13 present information on promotion and salaries of graduates employed one year after graduation.

TABLE 12 - JOB ADVANCEMENT -
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Table 12 presents information on the number of graduates employed one year after graduation who experienced a formal advancement in job classification during the first year after graduation and the number of graduates who were followed-up who did not respond.

TABLE 13 - FIRST MONTH SALARIES -
FIRST MONTH SALARIES OF GRADUATES EMPLOYED
DURING THE FIRST YEAR AFTER GRADUATION

Table 13 presents the first month salaries of graduates employed at some time during the year after graduation and the number of graduates who were followed-up and did not respond or did not have first jobs.

TABLE 14 - PRESENT JOB SALARIES -
MONTHLY SALARIES OF GRADUATES EMPLOYED ONE YEAR AFTER GRADUATION

Table 14 presents the monthly salaries received by graduates employed one year after graduation. The table also shows the number of graduates that were followed-up who did not respond or were not employed at the time of the follow-up.

TABLE 15 - ADDITIONAL TRAINING -
GRADUATES' PARTICIPATION IN FURTHER EDUCATION
DURING THE FIRST YEAR AFTER GRADUATION

Table 15 indicates the number of graduates who took part in each of eight categories of additional training during the first year after graduation, plus those who took part in more than one type of training. The eight categories include: (1) none, which indicates they took part in no additional training; (2) industry-sponsored training programs, which indicates they took part in some form of on-the-job training; (3) public area vocational-technical school programs; (4) private vocational school programs; (5) college and/or junior college programs; (6) apprenticeship; (7) specialized occupational military training; and (8) other, which indicates they took part in some form of additional training which is not included in any of the other categories. Additional categories in this table indicate the number of graduates who took part in more than one type of training.

Tables 16 - 19 summarize the overall feelings of employed graduates in related jobs. They present information on the degree to which the graduates were satisfied with selected characteristics of their employment and their training programs.

TABLE 16 - OVERALL JOB SATISFACTION -
GRADUATES PRESENTLY EMPLOYED IN RELATED JOBS
OVERALL FEELINGS ABOUT THEIR JOBS

Table 16 indicates the overall job satisfaction of graduates presently employed in related jobs one year after graduation. The overall feelings of employed graduates are broken down into five categories: (1) the number presently employed in related jobs who like their jobs very much, (2) the number presently employed in related jobs who like their jobs somewhat, (3) the number presently employed in related jobs who neither like nor dislike their jobs, (4) the number presently employed in related jobs who disliked their jobs somewhat, (5) the number presently employed in related jobs who dislike their jobs very much. The number of graduates who were followed-up but did not respond or were employed in unrelated jobs is also shown.

TABLE 17 - OVERALL JOB SATISFACTION - GRADUATES PRESENTLY EMPLOYED IN UNRELATED JOBS OVERALL FEELINGS ABOUT THEIR JOBS

Table 17 indicates the overall job satisfaction of graduates presently employed in unrelated jobs one year after graduation. The overall feelings of employed graduates are broken down into five categories: (1) the number presently employed in unrelated jobs who like their jobs very much, (2) the number presently employed in unrelated jobs who like their jobs somewhat, (3) the number presently employed in unrelated jobs who neither like nor dislike their jobs, (4) the number presently employed in unrelated jobs who dislike their jobs somewhat, (5) the number presently employed in unrelated jobs who dislike their jobs very much. The number of graduates who were followed-up but did not respond or were employed in related jobs is also shown.

TABLE 18 - SATISFACTION WITH SELECTED JOB CHARACTERISTICS - GRADUATES PRESENTLY EMPLOYED IN RELATED JOBS RATINGS OF THE DEGREE TO WHICH THEY WERE SATISFIED WITH SELECTED CHARACTERISTICS OF THEIR JOBS

Table 18 presents the ratings of the degree to which graduates presently employed in related jobs one year after graduation were satisfied with selected characteristics of their jobs. The ratings of the degree of satisfaction were classified as: (1) satisfied, (2) not sure, (3) dissatisfied and (4) no response or employed in unrelated jobs. The rated aspects of job characteristics were: (1) salary, (2) fringe benefits, (3) potential for advancement, (4) supervision and management, (5) co-workers, (6) company policies and practices, (7) pace (speed) of work, (8) facilities and equipment, (9) work conditions, (10) variety of work tasks, (11) job security and (12) safety conditions.

TABLE 19 - SATISFACTION WITH SELECTED JOB CHARACTERISTICS - GRADUATES' PRESENTLY EMPLOYED IN UNRELATED JOBS RATINGS OF THE DEGREE TO WHICH THEY WERE SATISFIED WITH SELECTED CHARACTERISTICS OF THEIR JOBS

Table 19 presents the ratings of the degree to which graduates presently employed in unrelated jobs one year after graduation were satisfied with selected characteristics of their jobs. The ratings of the degree of satisfaction were classified as: (1) satisfied, (2) not sure, (3) dissatisfied and (4) no response or employed in related jobs. The rated aspects of job characteristics were: (1) salary, (2) fringe benefits, (3) potential for advancement, (4) supervision and management, (5) co-workers, (6) company policies and practices, (7) pace (speed) of work, (8) facilities and equipment, (9) work conditions, (10) variety of work tasks, (11) job security and (12) safety conditions.

TABLE 20 - GRADUATES' RATINGS OF THEIR PROGRAM CURRICULUMS - GRADUATES EMPLOYED ANYTIME DURING THE YEAR IN RELATED JOBS JUDGMENTS OF THE TRAINING THEY RECEIVED AT THE AVTI IN BASIC JOB-RELATED (PERFORMANCE) SKILLS AND GENERAL TECHNICAL KNOWLEDGE IN LIGHT OF THEIR EXPERIENCES ON THE JOB

Table 20 indicates the number of graduates employed in related jobs who felt that the training they received at the AVTI in basic job-related (performance) skills and general technical knowledge was (1) excellent, (2) very good, (3) adequate, (4) inadequate, or (5) did not respond or were employed in unrelated jobs.

TABLE 21 - AVTI FACILITIES AND EQUIPMENT - GRADUATES EMPLOYED ANYTIME DURING THE YEAR IN RELATED JOBS JUDGMENTS OF THE EASE WITH WHICH THEY WERE ABLE TO ADAPT TO FACILITIES AND EQUIPMENT ON THE JOB

Table 21 indicates the number of graduates employed in related jobs who (1) found it easy to adapt to the facilities and equipment on the job, (2) had some problems adapting to the facilities and equipment on the job, (3) found it very difficult to adapt to the facilities and equipment on the job and (4) did not respond or were employed in unrelated jobs.

TABLE 22 - GRADUATES EMPLOYED ANYTIME DURING THE YEAR IN RELATED JOBS COMPARISONS OF THE AVTI FACILITIES AND EQUIPMENT WITH THOSE ON THE JOB

Table 22 indicates the number of graduates employed any time during the year in related jobs who judged the facilities and equipment at the AVTI to be (1) superior to those on the job, (2) similar to those on the job, (3) inferior to those on the job, and (4) did not respond or were employed in unrelated jobs.

TABLE 23 - INSTRUCTOR UP-TO-DATENESS - GRADUATES EMPLOYED ANYTIME DURING THE YEAR IN RELATED JOBS JUDGMENTS OF THE EXTENT TO WHICH THEIR AVTI INSTRUCTORS WERE UP-TO-DATE IN THEIR FIELDS

Table 23 indicates the number of graduates employed anytime during the year in related jobs who judged that (1) most instructors were up-to-date, (2) about the same number of instructors were up-to-date as were not, (3) most instructors were not up-to-date; or (4) did not respond or were employed in unrelated jobs.

TABLE 24 - TEACHING QUALITY OF AVTI INSTRUCTORS -
GRADUATES' JUDGMENTS OF THE TEACHING QUALITY OF THE INSTRUCTORS
ASSOCIATED WITH THEIR TRAINING PROGRAMS

Table 24 indicates the number of graduates who judged the teaching quality of the instructors associated with their AVTI training programs as (1) most instructors taught very well, (2) about the same number of instructors taught well as did not, (3) most instructors did not teach well, or (4) did not respond.

TABLE 25 - INSTRUCTOR KNOWLEDGEABILITY -
GRADUATES' JUDGMENTS OF THE KNOWLEDGE POSSESSED
BY THE INSTRUCTORS OF THEIR TRAINING PROGRAMS

Table 25 indicates the number of graduates who judged the knowledge possessed by their AVTI instructors as (1) most instructors were very knowledgeable, (2) about the same number of instructors were knowledgeable as were not, (3) most instructors were not knowledgeable, or (4) did not respond.

TABLE 26 - INSTRUCTOR INTEREST IN STUDENT PROGRAM PROGRESS -
GRADUATES' JUDGMENTS OF THE INTEREST SHOWN BY INSTRUCTORS
IN THEIR WORK PROGRESS AT THE AVTI

Table 26 indicates the number of graduates who judged the interest shown by their AVTI instructors in respect to their work program as: (1) most instructors were very interested in my progress, (2) most instructors were somewhat interested in my progress, (3) most instructors did not seem interested in my progress, or (4) did not respond.

TABLE 27 - PROGRAM CHOICE -
GRADUATES' SATISFACTION WITH THEIR ORIGINAL PROGRAM CHOICES
ONE YEAR AFTER GRADUATION

Table 27 indicates (1) the number of graduates who would choose the same program again one year after graduating, (2) the number of graduates who would not choose the same program again one year after graduation and (3) those who did not respond.

TABLE 28 - PERSON OR GROUP MOST INFLUENTIAL
IN HELPING GRADUATES TO SECURE THEIR FIRST JOBS

Table 28 indicates the person or group most influential in helping the AVTI graduates to secure their first jobs. They were classified as (1) instructors or other AVTI personnel, (2) private employment agency, (3) relatives or friends, (4) state employment agency, (5) myself or other, (6) have not been employed during the year, and (7) did not respond.

TABLE 29 - GRADUATES' JUDGMENTS OF THE QUALITY
OF SELECTED SERVICES AND FACILITIES PROVIDED BY THE AVTI

Table 29 summarizes the number of graduates who rated the quality of selected services and facilities provided by the AVTI as (1) excellent, (2) good, (3) poor, (4) does not apply or (5) gave no response. The selected services and facilities which were rated were: (1) job placement, (2) counseling with personal problems, (3) help in making career decisions, (4) help in securing part-time employment, (5) help in obtaining financial assistance, (6) help in securing housing, (7) youth organizations, (8) recreation programs, (9) study, library and other learning facilities and (10) health services.

TABLE 30 - GRADUATES' JUDGMENTS OF THE QUALITY
OF THE SERVICES AND FACILITIES PROVIDED BY THE COMMUNITY
IN WHICH THE AVTI IS LOCATED

Table 30 summarizes the number of graduates who rated the quality of selected services and facilities provided by the community in which the AVTI is located as (1) excellent, (2) good, (3) poor, (4) does not apply, or (5) gave no response. The selected community services and facilities which were rated were (1) housing, (2) job opportunities and (3) recreation facilities.

TABLE 31 - EMPLOYERS' JUDGMENTS OF SELECTED WORK CHARACTERISTICS
OF GRADUATES PRESENTLY EMPLOYED IN RELATED JOBS
IN COMPARISON WITH OTHER WORKERS IN THEIR WORK GROUPS

Table 31 summarizes selected aspects of employer evaluations of the graduates who were employed in related jobs one year after graduation. Each of the employer evaluations were made by comparing the graduates with other employees in their work groups on the following criteria: (1) quality of employee work, (2) quantity of employee work, (3) knowledge important to job success, (4) ability to operate equipment and apparatus and (5) reading, verbal, and computational skills.

TABLE 32 - EMPLOYERS' OVERALL JUDGMENTS OF GRADUATES
PRESENTLY EMPLOYED IN RELATED JOBS
AS COMPARED WITH OTHER WORKERS IN THEIR WORK GROUPS

Table 32 indicates the number of graduates whose employers rated them: (1) in the top 1/4, (2) in the top 1/2 but not in the top 1/4, (3) in the bottom 1/2 but not the lowest 1/4, and (4) in the lowest 1/4 categories compared with other workers in their work groups. Category (5) indicates the number who did not respond or were employed in unrelated jobs. The aspects judged were competency, effectiveness, proficiency, general overall work attitudes and other elements of successful job performance.

TABLE 33 - EMPLOYERS' JUDGMENTS OF SELECTED PERSONAL CHARACTERISTICS OF PRESENTLY EMPLOYED GRADUATES AS COMPARED TO OTHER WORKERS IN THEIR WORK GROUPS

Table 33 summarizes the employers' evaluations of selected personal characteristics of the graduates who were employed one year after graduation. Each of the employer evaluations were made by comparing the graduates with other members of their work groups on the following personal characteristics: (1) willingness to accept responsibility, (2) punctuality, (3) work without supervision, (4) willingness to learn and to improve, (5) cooperation with co-workers, (6) cooperation with management, (7) compliance with company policies, rules, and practices and (8) work attendance.

TABLE 34 - NUMBER OF GRADUATES FROM EACH AVTI INCLUDED IN THIS SPECIFIC REPORT

Table 34 indicates the number of graduates from each area vocational technical institute included in this report.

TABLE 35 - NUMBER OF STUDENTS INCLUDED IN THIS REPORT WHO GRADUATED FROM EACH CURRICULUM AREA

Table 35 includes the number of AVTI graduates from each curriculum area who were included in this report.

STATE OF MINNESOTA SUMMARY OF
ONE YEAR FOLLOW-UP OF AVTI GRADUATES(1973) 9900

TABLE 1-EMPLOYMENT DURING FIRST YEAR - GRADUATES
EMPLOYMENT DURING FIRST YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. EMPLOYED AT TIME OF FOLLOW-UP . . .	5645	81.69
2. EMPLOYED PRIOR TO, NOT AT FOLLOW-UP	712	10.30
3. NOT EMPLOYED SINCE GRADUATION . . .	553	8.00
TOTALS	6910	99.99

TABLE 2-FIRST JOB RELATEDNESS - DEGREE OF RELATEDNESS
OF GRADUATES FIRST JOBS TO AVTI TRAINING

CATEGORY	NUMBER	PERCENT
1. CLOSELY RELATED	4314	62.43
2. BROADLY RELATED	795	11.51
3. UNRELATED	1248	18.06
DID NOT INDICATE FIRST JOB	553	8.00
TOTALS	6910	100.00

TABLE 3-FIRST JOB OCCUPATIONAL CLUSTER - BROAD OCCUPATIONAL CLUSTERS OF GRADUATES FIRST JOBS

CATEGORY	NUMBER	PERCENT
1. ACCOUNTING ETC.-RELATED OCC. (901)	1629	25.64
2. AG-RELATED OCCUPATIONS (902)	193	3.04
3. ART-RELATED OCCUPATIONS (903) . . .	64	1.01
4. BROADCASTING-RELATED OCC. (904) . .	13	0.20
5. CLOTHING-RELATED OCCUPATIONS (905)	101	1.59
6. CONSTRUCTION WORKER-REL. OCC. (906)	178	2.80
7. CUSTODIAL-RELATED OCCUPATIONS (907)	49	0.77
8. DRAFTING-RELATED OCCUPATIONS (908)	193	3.04
9. EDUCATIONAL AIDE-RELATED OCC. (909)	43	0.68
10. ELECTRON/ELECTRIC-RELATED OCC. (910)	325	5.12
11. ELECTRO-MECH. TECH.-REL. OCC. (911)	65	1.02
12. FARRIER-RELATED OCCUPATIONS (912)	12	0.19
13. FOOD SERVING AND/OR PROCESSING (913)	341	5.37
14. FOREST INDUSTRY-REL. OCC. (914. . .	20	0.31
15. GRAPHIC ARTS-RELATED OCC. (915) . .	78	1.23
16. GROOMING-RELATED OCCUPATIONS (916)	91	1.43
17. HEALTH-RELATED OCCUPATIONS (917) . .	759	11.95
18. IND. SUPERVISION-REL. OCC. (918) . .	2	0.03
19. JEWELRY/WATCH REPAIR REL. OCC. (919)	12	0.19
20. LABORATORY ASSISTANT-REL. OCC. (920)	103	1.62
21. LANDSCAPE/FLORISTRY REL. OCC. (921)	43	0.68
22. LAW ENFORCEMENT-REL. OCC. (922) . .	31	0.49
23. MACHINERY REPAIR-REL. OCC. (923) . .	643	10.12
24. MACHINIST-RELATED OCCUPATIONS (924)	240	3.78
25. MASONRY-RELATED OCCUPATIONS (925)	10	0.16
26. MISCELLANEOUS OCCUPATIONS (943) . .	54	0.85
27. MOBILE HOME SERVICE-REL. OCC. (926)	2	0.03
28. NEWSPAPER-RELATED OCCUPATIONS (927)	1	0.02
29. OFFICE MACHINE MECH.-REL. OCC (928)	9	0.14
30. OPTIC-RELATED OCCUPATIONS (929) . .	19	0.30
31. PAINTING/DECORATING-REL. OCC. (930)	13	0.20
32. PHOTOGRAPHIC-RELATED OCC. (931) . .	1	0.02
33. PIPEFITTING/PLUMBING-REL. OCC. (932)	48	0.76
34. SALES-RELATED OCCUPATIONS (933) . .	355	5.59
35. SHEET METAL-RELATED OCC. (934) . . .	7	0.11
36. SHOE REPAIRING-REL. OCC. (935) . . .	4	0.06
37. TESTING-RELATED OCCUPATIONS (936)	7	0.11
38. TRANSPORTATION-RELATED OCC. (937)	101	1.59
39. UNSKILLED WORKER (942)	287	4.52
40. UPHOLSTERING-RELATED OCC. (938) . .	7	0.11
41. WASTE/WATER TECH.-REL. OCC. (939)	9	0.14
42. WELDING-RELATED OCCUPATIONS (940)	170	2.68
43. WOODWORKING-RELATED OCC. (941) . . .	21	0.33
DID NOT RESPOND/NO FIRST JOB	557	**
TOTALS	6910	100.02

TABLE 4-FIRST JOB LOCATION - GEOGRAPHIC LOCATIONS OF GRADUATES FIRST JOBS

CATEGORY	NUMBER	PERCENT
1. MINNESOTA ECONOMIC REGION 1	139	2.19
2. MINNESOTA ECONOMIC REGION 2	64	1.01
3. MINNESOTA ECONOMIC REGION 3	416	6.54
4. MINNESOTA ECONOMIC REGION 4	375	5.90
5. MINNESOTA ECONOMIC REGION 5	172	2.71
6. MINNESOTA ECONOMIC REGION 6	298	4.69
7. MINNESOTA ECONOMIC REGION 7	575	9.05
8. MINNESOTA ECONOMIC REGION 8	310	4.88
9. MINNESOTA ECONOMIC REGION 9	475	7.47
10. MINNESOTA ECONOMIC REGION 10	744	11.70
11. MINNESOTA ECONOMIC REGION 11	2143	33.71
12. IOWA	55	0.87
13. NORTH DAKOTA	216	3.40
14. SOUTH DAKOTA	71	1.12
15. WISCONSIN	80	1.26
16. OTHER STATES, COUNTRIES	224	3.52
DID NOT INDICATE FIRST JOB	553	**
TOTALS	6910	100.02

TABLE 5-FIRST JOB FULL OR PART-TIME- FULL OR PART-TIME STATUS OF GRADUATES FIRST JOBS

CATEGORY	NUMBER	PERCENT
1. FULL-TIME EMPLOYMENT	5443	89.69
2. PART-TIME EMPLOYMENT	626	10.31
DID NOT RESPOND/NO FIRST JOB	841	**
TOTALS	6910	100.00

TABLE 6-EMPLOYMENT STATUS ONE YEAR AFTER GRADUATION - GRADUATES EMPLOYED, UNEMPLOYED, OR UNAVAILABLE FOR EMPLOYMENT ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. EMPLOYED CLOSELY RELATED	3707	53.65
2. EMPLOYED BROADLY RELATED	715	10.35
3. EMPLOYED UNRELATED	1225	17.73
4. UNAVAILABLE FOR EMPLOYMENT	870	12.59
5. UNEMPLOYED	393	5.69
TOTALS	6910	100.01

TABLE 7-UNAVAILABILITY - REASONS GRADUATES WERE UNAVAILABLE FOR EMPLOYMENT ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. MILITARY	360	41.38
2. FURTHER TRAINING	120	13.79
3. ILLNESS	38	4.37
4. HOUSEWIFE OR PREGNANCY	259	29.77
5. OTHER	51	5.86
6. NOT WORKING AND NOT INT. IN EMP.	42	4.83
7. EMPLOYED/AVAILABLE FOR EMP.	6040	**
TOTALS	6910	100.00

TABLE 8-PRESENT JOB FULL OR PART-TIME - FULL OR PART-TIME STATUS OF GRADUATES JOBS ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. FULL-TIME EMPLOYMENT	4901	93.71
2. PART-TIME EMPLOYMENT	329	6.29
DID NOT RESPOND/NO PRESENT JOB	1680	**
TOTALS	6910	100.00

TABLE 9-PRESENT JOB OCCUPATIONAL CLUSTER -
BROAD OCCUPATIONAL CLUSTERS OF GRADUATES
JOBS ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. ACCOUNTING ETC.-RELATED OCC. (901)	1482	26.26
2. AG-RELATED OCCUPATIONS (902)	201	3.56
3. ART-RELATED OCCUPATIONS (903) . . .	59	1.05
4. BROADCASTING-RELATED OCC. (904) . .	10	0.18
5. CLOTHING-RELATED OCCUPATIONS (905)	80	1.42
6. CONSTRUCTION WORKER-REL. OCC. (906)	151	2.68
7. CUSTODIAL-RELATED OCCUPATIONS (907)	46	0.82
8. DRAFTING-RELATED OCCUPATIONS (908)	176	3.12
9. EDUCATIONAL AIDE-RELATED OCC. (909)	35	0.62
10. ELECTRON/ELECTRIC-RELATED OCC. (910)	326	5.78
11. ELECTRO-MECH. TECH.-REL. OCC. (911)	55	0.97
12. FARRIER-RELATED OCCUPATIONS (912)	12	0.21
13. FOOD SERVING AND/OR PROCESSING (913)	238	4.22
14. FOREST INDUSTRY-REL. OCC. (914) . .	21	0.37
15. GRAPHIC ARTS-RELATED OCC. (915) . .	67	1.19
16. GROOMING-RELATED OCCUPATIONS (916)	73	1.29
17. HEALTH-RELATED OCCUPATIONS (917) . .	641	11.36
18. IND. SUPERVISION-REL. OCC. (918) . .	3	0.05
19. JEWELRY/WATCH REPAIR REL. OCC. (919)	10	0.18
20. LABORATORY ASSISTANT-REL. OCC. (920)	100	1.77
21. LANDSCAPE/FLORISTRY REL. OCC. (921)	32	0.57
22. LAW ENFORCEMENT-REL. OCC. (922) . .	31	0.55
23. MACHINERY REPAIR-REL. OCC. (923) . .	504	8.93
24. MACHINIST-RELATED OCCUPATIONS (924)	225	3.99
25. MASONRY-RELATED OCCUPATIONS (925)	13	0.23
26. MISCELLANEOUS OCCUPATIONS (943) . .	64	1.13
27. MOBILE HOME SERVICE-REL. OCC. (926)	4	0.07
28. NEWSPAPER-RELATED OCCUPATIONS (927)	1	0.02
29. OFFICE MACHINE MECH.-REL. OCC (928)	10	0.18
30. OPTIC-RELATED OCCUPATIONS (929) . .	15	0.27
31. PAINTING/DECORATING-REL. OCC. (930)	7	0.12
32. PHOTOGRAPHIC-RELATED OCC. (931) . .	2	0.04
33. PIPEFITTING/PLUMBING-REL. OCC. (932)	47	0.83
34. SALES-RELATED OCCUPATIONS (933) . .	347	6.15
35. SHEET METAL-RELATED OCC. (934) . . .	11	0.19
36. SHOE REPAIRING-REL. OCC. (935) . . .	3	0.05
37. TESTING-RELATED OCCUPATIONS (936)	6	0.11
38. TRANSPORTATION-RELATED OCC. (937)	92	1.63
39. UNSKILLED WORKER (942)	246	4.36
40. UPHOLSTERING-RELATED OCC. (938) . .	7	0.12
41. WASTE/WATER TECH.-REL. OCC. (939)	10	0.18
42. WELDING-RELATED OCCUPATIONS (940)	159	2.82
43. WOODWORKING-RELATED OCC. (941) . . .	22	0.39
DID NOT RESPOND/NO FIRST JOB	1266	**
TOTALS	6919	100.03

TABLE 10-PRESENT JOB LOCATION - GEOGRAPHIC LOCATIONS OF GRADUATES JOBS ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. MINNESOTA ECONOMIC REGION 1	118	2.09
2. MINNESOTA ECONOMIC REGION 2	64	1.13
3. MINNESOTA ECONOMIC REGION 3	360	6.38
4. MINNESOTA ECONOMIC REGION 4	313	5.54
5. MINNESOTA ECONOMIC REGION 5	141	2.50
6. MINNESOTA ECONIMIC REGION 6	292	5.17
7. MINNESOTA ECONOMIC REGION 7	483	8.55
8. MINNESOTA ECONOMIC REGION 8	285	5.05
9. MINNESOTA ECONOMIC REGION 9	400	7.09
10. MINNESOTA ECONOMIC REGION 10	612	10.84
11. MINNESOTA ECONOMIC REGION 11	1930	34.18
12. IOWA	48	0.85
13. NORTH DAKOTA	210	3.72
14. SOUTH DAKOTA	79	1.40
15. WISCONSIN	74	1.31
16. OTHER STATES, COUNTRIES	238	4.21
DID NOT INDICATE PRESENT JOB	1263	**
TOTALS	6910	100.00

TABLE 11-NUMBER OF JOBS - NUMBER OF JOBS HELD BY GRADUATES DURING THE FIRST YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. ONE JOB	3127	56.82
2. TWO JOBS	1766	32.09
3. THREE JOBS	480	8.72
4. FOUR JOBS	130	2.36
DID NOT RESPOND	1407	**
TOTALS	6910	99.99

TABLE 12-JOB ADVANCEMENT - FORMAL JOB ADVANCEMENT OF GRADUATES EMPLOYED ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. GRADUATE RECEIVED ADVANCEMENT	1529	25.55
2. GRADUATE DID NOT RECEIVE ADVANCEMENT	4455	74.45
DID NOT RESPOND	926	**
TOTALS	6910	100.00

TABLE 13-FIRST MONTH SALARIES - FIRST MONTHLY SALARIES OF GRADUATES EMPLOYED DURING THE FIRST YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. UNDER $250	705	14.80
2. 250 - 299	403	8.46
3. 300 - 349	618	12.98
4. 350 - 399	640	13.44
5. 400 - 449	782	16.42
6. 450 - 499	435	9.13
7. 500 - 549	414	8.69
8. 550 - 599	242	5.08
9. 600 - 649	217	4.56
10. 650 - 699	88	1.85
11. 700 +	218	4.58
DID NOT RESPOND/NO FIRST JOB	2148	**
TOTALS	6910	99.99

TABLE 14-PRESENT JOB SALARIES - MONTHLY SALARIES OF EMPLOYED GRADUATES ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. UNDER $250	337	8.02
2. 250 - 299	237	5.64
3. 300 - 349	398	9.47
4. 350 - 399	464	11.04
5. 400 - 449	701	16.68
6. 450 - 499	458	10.90
7. 500 - 549	435	10.35
8. 550 - 599	286	6.80
9. 600 - 649	323	7.68
10. 650 - 699	147	3.50
11. 700 +	417	9.92
DID NOT RESPOND/NO PRESENT JOB	2707	**
TOTALS	6910	100.00

TABLE 15-ADDITIONAL TRAINING - GRADUATES PARTICIPATION IN FURTHER EDUCATION DURING THEIR FIRST YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. NONE	4320	62.56
2. ON-THE-JOB TRAINING	1006	14.57
3. PUBLIC AREA VOCATIONAL SCHOOL	219	3.17
4. PRIVATE VOCATIONAL SCHOOL	37	0.54
5. COLLEGE AND/OR JUNIOR COLLEGE	217	3.14
6. APPRENTICESHIP	268	3.88
7. SPECIALIZED MILITARY TRAINING	193	2.80
8. OTHER	193	2.80
9. WITH COMBINATION OF 2 AND 3	30	0.43
10. WITH COMBINATION OF 2 AND 4	14	0.20
11. WITH COMBINATION OF 2 AND 5	52	0.75
12. WITH COMBINATION OF 2 AND 6	117	1.69
13. WITH COMBINATION OF 2 AND 7	36	0.52
14. WITH COMBINATION OF 2 AND 8	58	0.84
15. WITH COMBINATION OF 3 AND 4	3	0.04
16. WITH COMBINATION OF 3 AND 5	11	0.16
17. WITH COMBINATION OF 3 AND 6	27	0.39
18. WITH COMBINATION OF 3 AND 7	1	0.01
19. WITH COMBINATION OF 3 AND 8	11	0.16
20. WITH COMBINATION OF 4 AND 6	5	0.07
21. WITH COMBINATION OF 4 AND 8	3	0.04
22. WITH COMBINATION OF 5 AND 6	6	0.09
23. WITH COMBINATION OF 5 AND 7	2	0.03
24. WITH COMBINATION OF 5 AND 8	4	0.06
25. WITH COMBINATION OF 6 AND 7	6	0.09
26. WITH COMBINATION OF 6 AND 8	15	0.22
27. WITH COMBINATION OF 7 AND 8	5	0.07
28. WITH COMBINATION OF 2, 3 AND 4	1	0.01
29. WITH COMBINATION OF 2, 3 AND 5	3	0.04
30. WITH COMBINATION OF 2, 3 AND 6	11	0.16
31. WITH COMBINATION OF 2, 3 AND 7	1	0.01
32. WITH COMBINATION OF 2, 3 AND 8	1	0.01
33. WITH COMBINATION OF 2, 4 AND 5	1	0.01
34. WITH COMBINATION OF 2, 4 AND 6	5	0.07
35. WITH COMBINATION OF 2, 4 AND 7	1	0.01
36. WITH COMBINATION OF 2, 5 AND 6	2	0.03
37. WITH COMBINATION OF 2, 5 AND 7	1	0.01
38. WITH COMBINATION OF 2, 5 AND 8	2	0.03
39. WITH COMBINATION OF 2, 6 AND 7	7	0.10
40. WITH COMBINATION OF 2, 6 AND 8	5	0.07
41. WITH COMBINATION OF 3, 5 AND 6	2	0.03
42. WITH COMBINATION OF 3, 5 AND 8	1	0.01
43. WITH COMBINATION OF 4, 6 AND 7	1	0.01
44. WITH COMBINATION OF 4, 6 AND 8	1	0.01
DID NOT RESPOND	5	**
TOTALS	6910	99.94

TABLE 16-OVERALL JOB SATISFACTION - GRADUATES PRESENTLY EMPLOYED IN RELATED JOBS OVERALL FEELINGS ABOUT THEIR JOBS

CATEGORY	NUMBER	PERCENT
1. LIKE IT VERY MUCH	2743	63.73
2. LIKE IT SOMEWHAT	1111	25.81
3. NEITHER LIKE NOR DISLIKE IT	197	4.58
4. DISLIKE IT SOMEWHAT	213	4.95
5. DISLIKE IT VERY MUCH	40	0.93
DID NOT RESPOND/EMPL. UNRELATED JOBS	2606	**
TOTALS	6910	100.00

TABLE 17-OVERALL JOB SATISFACTION - GRADUATES PRESENTLY EMPLOYED IN UNRELATED JOBS OVERALL FEELINGS ABOUT THEIR JOBS

CATEGORY	NUMBER	PERCENT
1. LIKE IT VERY MUCH	3239	59.20
2. LIKE IT SOMEWHAT	1461	26.70
3. NEITHER LIKE NOR DISLIKE IT	363	6.63
4. DISLIKE IT SOMEWHAT	320	5.85
5. DISLIKE IT VERY MUCH	88	1.61
DID NOT RESPOND/EMPL. RELATED JOBS	1439	**
TOTALS	6910	99.99

TABLE 18-SATISFACTION WITH SELECTED JOB CHARACTERISTICS - GRADUATES PRESENTLY EMPLOYED IN RELATED JOBS RATINGS OF THE DEGREE TO WHICH THEY WERE SATISFIED WITH SELECTED CHARACTERISTICS OF THEIR JOBS

ITEM		SATISFIED	NOT SURE	DISSATISFIED	NO RSP /UNREL	TOTALS
1. SALARY	NO.	2066	1136	1107	2601	6910
	PCT.	47.95	26.36	25.69	**	99.99
2. FRINGE BENEFITS	NO.	2635	853	800	2622	6910
	PCT.	61.45	19.89	18.66	**	99.99
3. POTENTIAL FOR ADVANCEMENT	NO.	1762	1507	992	2649	6910
	PCT.	41.35	35.37	23.28	**	99.99
4. SUPERVISION AND MANAGEMENT	NO.	2921	884	488	2617	6910
	PCT.	68.04	20.59	11.37	**	99.99
5. CO-WORKERS	NO.	3724	430	120	2636	6910
	PCT.	87.13	10.06	2.81	**	99.99
6. CO. POLICIES AND PRACTICES	NO.	2461	1232	577	2640	6910
	PCT.	57.63	28.85	13.51	**	99.99
7. PACE (SPEED) OF WORK	NO.	3546	497	248	2619	6910
	PCT.	82.64	11.58	5.78	**	99.98
8. FACILITIES AND EQUIPMENT	NO.	3253	540	505	2612	6910
	PCT.	75.69	12.56	11.75	**	99.98
9. WORK CONDITIONS	NO.	3443	536	314	2617	6910
	PCT.	80.20	12.49	7.31	**	99.99
10. VARIETY OF WORK TASKS	NO.	3545	446	300	2619	6910
	PCT.	82.61	10.39	6.99	**	99.99
11. JOB SECURITY	NO.	3262	782	243	2623	6910
	PCT.	76.09	18.24	5.67	**	99.99
12. SAFETY CONDITIONS	NO.	3636	477	191	2606	6910
	PCT.	84.48	11.08	4.44	**	99.98

TABLE 19-SATISFACTION WITH SELECTED JOB CHARACTERISTICS - GRADUATES PRESENTLY EMPLOYED IN UNRELATED JOBS RATINGS OF THE DEGREE TO WHICH THEY WERE SATISFIED WITH SELECTED CHARACTERISTICS OF THEIR JOBS

I T E M		SATIS FIED	NOT SURE	DISSAT ISFIED	NO RSP /UNREL	TOTALS
1. SALARY	NO.	2695	1382	1436	1447	6910
	PCT.	48.42	25.30	26.29	**	99.98
2. FRINGE BENEFITS	NO.	3209	1106	1107	1488	6910
	PCT.	59.18	20.40	20.42	**	99.98
3. POTENTIAL FOR ADVANCEMENT	NO.	2173	1864	1356	1517	6910
	PCT.	40.29	34.56	25.14	**	99.99
4. SUPERVISION AND MANAGEMENT	NO.	3646	1119	662	1483	6910
	PCT.	67.18	20.62	12.20	**	99.98
5. CO-WORKERS	NO.	4687	549	167	1507	6910
	PCT.	86.75	10.16	3.09	**	99.99
6. CO. POLICIES AND PRACTICES	NO.	3058	1560	779	1513	6910
	PCT.	56.66	28.90	14.43	**	99.99
7. PACE (SPEED) OF WORK	NO.	4449	639	346	1476	6910
	PCT.	81.87	11.76	6.37	**	99.98
8. FACILITIES AND EQUIPMENT	NO.	4022	719	698	1471	6910
	PCT.	73.95	13.22	12.83	**	99.98
9. WORK CONDITIONS	NO.	4252	729	462	1467	6910
	PCT.	78.12	13.39	8.49	**	99.98
10. VARIETY OF WORK TASKS	NO.	4378	608	452	1472	6910
	PCT.	80.51	11.18	8.31	**	99.99
11. JOB SECURITY	NO.	3988	1071	376	1475	6910
	PCT.	73.38	19.71	6.92	**	99.98
12. SAFETY CONDITIONS	NO.	4503	661	286	1460	6910
	PCT.	82.62	12.13	5.25	**	99.98

TABLE 20-GRADUATES RATINGS OF THEIR PROGRAM CURRICULUMS - GRADUATES EMPLOYED ANYTIME DURING THE YEAR IN RELATED JOBS JUDGEMENTS OF THE TRAINING THEY RECEIVED AT THE AVTI IN BASIC JOB-RELATED (PERFORMANCE) SKILLS AND GENERAL TECHNICAL KNOWLEDGE IN LIGHT OF THEIR EXPERIENCES ON THE JOB

I T E M		EXCEL- LENT	VERY GOOD	ADE- QUATE	INADE- QUATE	NO RSP /UNREL	TOTALS
1. BASIC JOB SKILL (PERF. SKILLS)	NO.	1266	2152	1574	289	1633	6910
	PCT.	23.92	40.78	29.83	5.48	**	99.98
2. JOB REL. GEN. TECH. KNOWLEDGE	NO.	1166	2252	0	0	3492	6910
	PCT.	34.11	65.89	0.00	0.00	**	99.99

TABLE 21-AVTI FACILITIES AND EQUIPMENT - GRADUATES EMPLOYED ANYTIME DURING THE YEAR IN RELATED JOBS JUDGEMENTS OF THE EASE WITH WHICH THEY WERE ABLE TO ADAPT TO FACILITIES AND EQUIPMENT ON THE JOB

CATEGORY	NUMBER	PERCENT
1. FOUND IT VERY EASY TO ADAPT	4102	78.55
2. HAD SOME PROBLEMS ADAPTING	1034	19.80
3. FOUND IT VERY DIFFICULT TO ADAPT . .	86	1.65
DID NOT RESPOND/EMPL. UNRELATED JOBS	1688	**
TOTALS	6910	100.00

TABLE 22-GRADUATES EMPLOYED ANYTIME DURING THE YEAR IN RELATED JOBS COMPARISONS OF THE AVTI FACILITIES AND EQUIPMENT WITH THOSE ON THE JOB

CATEGORY	NUMBER	PERCENT
1. AVTI FACILITIES/EQUIP. WERE SUPERIOR	1357	26.69
2. AVTI FACILITIES/EQUIP. WERE SIMILIAR	3274	64.39
3. AVTI FACILITIES/EQUIP. WERE INFERIOR	454	8.93
DID NOT RESPOND/EMPL. UNRELATED JOBS	1825	**
TOTALS	6910	100.01

TABLE 23-INSTRUCTOR UP-TO-DATENESS - GRADUATES EMPLOYED ANYTIME DURING THE YEAR IN RELATED JOBS JUDGEMENTS OF THE EXTENT TO WHICH THEIR INSTRUCTORS WERE UP-TO-DATE IN THEIR FIELDS

CATEGORY	NUMBER	PERCENT
1. MOST INSTRUCTORS WERE UP-TO-DATE . .	4465	83.72
2. ABOUT SAME NO. WERE AS WERE NOT . .	731	13.71
3. MOST INSTRUCTORS WERE NOT UP-TO-DATE	137	2.57
DID NOT RESPOND/EMPL. UNRELATED JOBS	1577	**
TOTALS	6910	100.00

TABLE 24-TEACHING QUALITY OF AVTI INSTRUCTORS - GRADUATES JUDGEMENTS OF THE TEACHING QUALITY OF THE INSTRUCTORS ASSOCIATED WITH THEIR TRAINING PROGRAMS

CATEGORY	NUMBER	PERCENT
1. MOST INSTRUCTORS TAUGHT VERY WELL	4948	74.15
2. SAME NO. TAUGHT WELL AS DID NOT . .	1489	22.31
3. MOST INSTRUCTORS DID NOT TEACH WELL	236	3.54
DID NOT RESPOND	237	**
TOTALS	6910	100.00

TABLE 25-INSTRUCTOR KNOWLEDGEABILITY - GRADUATES JUDGEMENTS OF THE KNOWLEDGE POSSESSED BY THE INSTRUCTORS OF THEIR TRAINING PROGRAMS

CATEGORY	NUMBER	PERCENT
1. MOST WERE VERY KNOWLEDGEABLE	5639	84.50
2. ABOUT THE SAME NO. WERE AS WERE NOT	951	14.25
3. MOST WERE NOT KNOWLEDGEABLE	83	1.24
DID NOT RESPOND	237	**
TOTALS	6910	99.99

TABLE 26- INSTRUCTOR INTEREST IN STUDENT PROGRAM PROGRESS - GRADUATES JUDGEMENTS OF THE INTEREST SHOWN BY INSTRUCTORS IN THEIR WORK PROGRESS AT THE AVTI

CATEGORY	NUMBER	PERCENT
1. MOST WERE VERY INT. IN MY PROGRESS	4346	65.30
2. MOST WERE SOMEWHAT INT. IN MY PROG.	1987	29.86
3. MOST DID NOT SEEM INT. IN MY PROG.	322	4.84
DID NOT RESPOND	255	**
TOTALS	6910	100.00

TABLE 27-PROGRAM CHOICE - GRADUATES SATISFACTION WITH THEIR ORIGINAL PROGRAM CHOICE ONE YEAR AFTER GRADUATION

CATEGORY	NUMBER	PERCENT
1. WOULD CHOOSE SAME PROGRAM AGAIN . .	4725	72.73
2. WOULD NOT CHOOSE SAME PROGRAM AGAIN	1772	27.27
DID NOT RESPOND	413	**
TOTALS	6910	100.00

TABLE 28-PERSON OR GROUP MOST INFLUENTIAL IN HELPING GRADUATES TO SECURE THEIR FIRST JOBS

CATEGORY	NUMBER	PERCENT
1. INSTRUCTOR OR OTHER AVTI PERSONNEL	2234	34.93
2. PRIVATE EMPLOYMENT AGENCY	161	2.52
3. RELATIVES OR FRIENDS	1474	23.05
4. STATE EMPLOYMENT AGENCY	335	5.24
5. MYSELF OR OTHER	1919	30.01
6. HAVE NOT BEEN EMPLOYED DURING THE YR	272	4.25
DID NOT RESPOND	515	**
TOTALS	6910	100.00

TABLE 29-GRADUATES JUDGEMENTS OF
THE QUALITY OF SELECTED SERVICES AND FACILITIES
PROVIDED BY THE AVTI

ITEM		EXCEL-LENT	GOOD	POOR	DOESNT APPLY	NO RSP	TOTALS
1. JOB PLACEMENT	NO.	1106	1920	1312	2189	383	6910
	PCT.	16.94	29.42	20.10	33.54	**	99.98
2. COUNSELING WITH PERSONAL PROB.	NO.	857	2204	731	2706	412	6910
	PCT.	13.19	33.92	11.25	41.64	**	99.97
3. HELP IN MAKING CAR. DECISIONS	NO.	788	2564	804	2325	429	6910
	PCT.	12.16	39.56	12.41	35.87	**	99.98
4. HELP IN SECURE PT EMPLOYMENT	NO.	749	1520	1012	3204	425	6910
	PCT.	11.55	23.44	15.61	49.41	**	99.97
5. HELP IN OBTAIN FINANCIAL ASST.	NO.	911	1464	405	3699	431	6910
	PCT.	14.06	22.60	6.25	57.09	**	99.99
6. HELP IN SECURE HOUSING	NO.	856	1388	380	3848	438	6910
	PCT.	13.23	21.45	5.87	59.46	**	99.98
7. YOUTH ORGANIZATIONS	NO.	572	1857	859	3157	465	6910
	PCT.	8.88	28.81	13.33	48.98	**	99.98
8. RECREATION PROGRAMS	NO.	736	2269	1043	2419	443	6910
	PCT.	11.38	35.09	16.13	37.41	**	99.98
9. STUDY/LIB/OTHER LEARNING FACIL.	NO.	918	2513	1500	1545	434	6910
	PCT.	14.18	38.80	23.16	23.86	**	99.98
10. HEALTH SERVICES	NO.	571	2044	786	3054	455	6910
	PCT.	8.85	31.67	12.18	47.31	**	99.98

TABLE 30-GRADUATES JUDGEMENTS OF
THE QUALITY OF THE SERVICES AND FACILITIES
PROVIDED BY THE COMMUNITY IN WHICH THE AVTI IS LOCATED

ITEM		EXCEL-LENT	GOOD	POOR	DOESNT APPLY	NO RSP	TOTALS
1. HOUSING	NO.	894	2674	942	2131	359	6910
	PCT.	12.27	40.82	14.38	32.53	**	99.97
2. JOB OPPORTUN-ITIES	NO.	386	2289	2729	1153	353	6910
	PCT.	5.89	34.91	41.62	17.58	**	99.97
3. RECREATION FACILITIES	NO.	820	2956	1460	1315	359	6910
	PCT.	12.52	45.12	22.29	20.07	**	99.98

TABLE 31-EMPLOYERS JUDGEMENTS OF SELECTED WORK CHARACTERISTICS OF GRADUATES PRESENTLY EMPLOYED IN RELATED JOBS IN COMPARISON WITH OTHER WORKERS IN THEIR WORK GROUPS

ITEM		ABOVE AVER.	ABOUT AVER.	BELOW AVER.	NO RSP /UNREL	TOTALS
1. QULAITY OF EMPLOYEE WORK	NO.	1778	1994	122	3016	6910
	PCT.	45.66	51.21	3.13	**	99.98
2. QUANTITY OF EMPLOYEE WORK	NO.	1402	2241	246	3021	6910
	PCT.	36.05	57.62	6.33	**	99.99
3. KNOWLEDGE IMP. TO JOB SUCCESS	NO.	1456	2205	224	3025	6910
	PCT.	37.48	56.76	5.77	**	99.98
4. ABILITY/OPERATE EQUIP-APPARATUS	NO.	1641	2141	85	3043	6910
	PCT.	42.44	55.37	2.20	**	99.98
5. READING/VERBAL COMP. SKILLS	NO.	1362	2343	176	3029	6910
	PCT.	35.09	60.37	4.53	**	99.99

TABLE 32-EMPLOYERS OVERALL JUDGEMENTS OF GRADUATES PRESENTLY EMPLOYED IN RELATED JOBS (COMPETENCY, EFFECTIVENESS, PROFICIENCY, GENERAL OVER-ALL WORK ATTITUDES AND OTHER ELEMENTS OF SUCCESSFUL JOB PERFORMANCE) AS COMPARED WITH OTHER WORKERS IN THEIR WORK GROUPS

CATEGORY	NUMBER	PERCENT
1. IN TOP 1/4	1872	49.15
2. IN TOP 1/2 - NOT TOP 1/4	1463	38.41
3. IN BOTTOM 1/2 - NOT LOWEST 1/4 . . .	388	10.19
4. IN LOWEST 1/4	86	2.26
DID NOT RESPOND/EMPL. UNRELATED JOBS	3101	**
TOTALS	6910	100.01

TABLE 33-EMPLOYERS JUDGEMENTS OF SELECTED PERSONAL CHARACTERISTICS OF PRESENTLY EMPLOYED GRADUATES AS COMPARED TO OTHER WORKERS IN THEIR WORK GROUPS

ITEM		ABOVE AVER.	ABOUT AVER.	BELOW AVER.	NO RSP /UNREL	TOTALS
1. WILLING/ACCEPT RESPONSIBILITY	NO.	2498	2113	279	2080	6910
	PCT.	50.48	43.75	5.78	**	99.98
2. PUNCTUALITY	NO.	2714	1912	213	2071	6910
	PCT.	56.09	39.51	4.40	**	99.99
3. WORK WITHOUT SUPERVISION	NO.	2150	2230	451	2079	6910
	PCT.	44.50	46.16	9.34	**	99.99
4. WILLINGNESS TO LEARN-IMPROVE	NO.	2948	1700	189	2073	6910
	PCT.	60.95	35.15	3.91	**	99.98
5. COOPERATION WITH CO-WORKERS	NO.	2768	1952	106	2084	6910
	PCT.	57.36	40.45	2.20	**	99.98
6. COOPERATION WITH MANAGEMENT	NO.	2769	1945	116	2080	6910
	PCT.	57.33	40.27	2.40	**	99.98
7. COMPLIANCE/CO. POL/RULES/PRAC.	NO.	2242	2473	117	2078	6910
	PCT.	46.40	51.18	2.42	**	99.98
8. WORK ATTENDANCE	NO.	2905	1768	160	2077	6910
	PCT.	60.11	36.58	3.31	**	99.99

TABLE 34-NUMBER OF GRADUATES FROM EACH AVTI
INCLUDED IN THIS SPECIFIC REPORT

CATEGORY	NUMBER	PERCENT
1. ALBERT LEA	31	0.45
2. ALEXANDRIA	524	7.58
3. ANOKA	813	11.77
4. AUSTIN	233	3.37
5. BEMIDJI	58	0.84
6. BRAINERD	152	2.20
7. CANBY	170	2.46
8. DAKOTA COUNTY	25	0.36
9. DETROIT LAKES	142	2.05
10. DULUTH	342	4.95
11. EVELETH	134	1.94
12. FARIBAULT	134	1.94
13. GRANITE FALLS	92	1.33
14. HIBBING	99	1.43
15. HUTCHINSON	76	1.10
16. JACKSON	238	3.44
17. MANKATO	280	4.05
18. MINNEAPOLIS	237	3.43
19. MOORHEAD	355	5.14
20. PINE CITY	80	1.16
21. PIPESTONE	215	3.11
22. ROCHESTER	304	4.40
23. ST. CLOUD	429	6.21
24. ST. PAUL	725	10.49
25. STAPLES	118	1.71
26. THIEF RIVER FALLS	136	1.97
27. WADENA	72	1.04
28. WILLMAR	414	5.99
29. WINONA	282	4.08
TOTALS	6910	99.99

TABLE 35-NUMBER OF STUDENTS INCLUDED IN THIS REPORT WHO GRADUATED FROM EACH CURRICULUM AREA

CATEGORY	NUMBER	PERCENT
1. ACCOUNTING	344	4.98
2. AGRI-BUSINESS	43	0.62
3. AGRI-TECHNOLOGY	62	0.90
4. AIRCRAFT MECHANICS	72	1.04
5. ARCHITECTURAL DRAFTING	125	1.81
6. AUTO BODY REPAIR	136	1.97
7. AUTOMOTIVE	387	5.60
8. AUTOMOTIVE MACHINIST	2	0.03
9. BAKERY PROCEDURES	19	0.27
10. BARBERING	5	0.07
11. BRICKLAYING	7	0.10
12. BROADCASTING	9	0.13
13. BUTCHER AND MEAT CUTTING	43	0.62
14. CABINETMAKING	22	0.32
15. CARPENTRY	145	2.10
16. CHEFS, COOKS, AND FOOD MGMT.	213	3.08
17. CHEMICAL TECHNOLOGY	18	0.26
18. CHILD DEVELOPMENT ASST.	56	0.81
19. CLERICAL TRAINING	392	5.67
20. COMMERCIAL ART	92	1.33
21. CONSTRUCTION WORKER	8	0.12
22. CONSERVATION AND FORESTRY	29	0.42
23. COSMETOLOGY	115	1.66
24. CUSTODIAL WORKER	6	0.09
25. DATA PROCESSING	223	3.23
26. DENTAL ASST.	71	1.03
27. DIESEL MECHANICS	109	1.58
28. EDUCATIONAL AIDE	18	0.26
29. ELECTRO-MECHANICAL TECH.	34	0.49
30. ELECTRONICS	290	4.20
31. EQUIPMENT PARTS AND SALES	47	0.68
32. FARM EQUIPMENT MECHANICS	40	0.58
33. FARM PRODUCTION AND MGMT.	66	0.96
34. FARRIER	17	0.25
35. FASHION MERCHANDISING	72	1.04
36. FLUID POWER TECH. AND HYD.	29	0.42
37. HEAVY EQUIPMENT	27	0.39
38. HIGHWAY TECH.	35	0.51
39. INTERIOR DESIGN AND SALES	14	0.20
40. INTERNATIONAL DOC. SPEC.	14	0.20
41. JEWELRY	1	0.01
42. LAW ENFORCEMENT	35	0.51
43. MACHINE SHOP	118	1.71
44. MAINTENANCE MECHANIC	2	0.03
45. MARINE AND SMALL ENGINES	64	0.93
46. MECHANICAL DRAFTING AND DESIGN	137	1.98
47. MECH. REF. AIR COND. AND APP. REPAIR	50	0.72
48. MEDICAL CLERICAL	71	1.03
49. MEDICAL SECRETARIAL	226	3.27
50. MEDICAL LABORATORY ASST.	92	1.33
51. NEEDLE ARTS	45	0.65
52. NURSES AIDE OR ORDERLY	249	3.60
53. NURSERY/LANDSCAPE TECHNOLOGY	42	0.61

(TABLE CONTINUED ON NEXT PAGE)

(TABLE CONTINUED FROM PREVIOUS PAGE)

54. OCCUPATIONAL THERAPY ASST.	38	0.55
55. OFFICE MACHINE MECHANICS	8	0.12
56. OPTICAL TECHNOLOGY	19	0.27
57. PATTERN MAKING	1	0.01
58. PLASTIC INJECTION MOLDING TECHNICIAN	7	0.10
59. PLUMBING	69	1.00
60. POWER AND HOME ELECTRICITY	246	3.56
61. PRACTICAL NURSING	447	6.47
62. PRINTING AND GRAPHIC ARTS	102	1.48
63. RETAIL FLORIST	15	0.22
64. SALES AND BUSINESS MGMT.	191	2.76
65. SECRETARIAL TRAINING	736	10.65
66. SHEET METAL	15	0.22
67. SHOE REPAIRING	4	0.06
68. SURGICAL TECHNICIAN	35	0.51
69. TECHNICAL ILLUSTRATION	11	0.16
70. TELEPHONE COMMUNICATIONS	11	0.16
71. TESTING TECHNOLOGY AND METAL FAB.	6	0.09
72. TOOL AND DIE	85	1.23
73. TRAFFIC TRANSPORTATION MANAGEMENT	13	0.19
74. UPHOLSTERING	4	0.06
75. WASTE AND WATER TREATMENT TECHNOLOGY	12	0.17
76. WATCH REPAIR	14	0.20
77. WELDING	233	3.37
TOTALS	6910	100.01

APPENDIX A - SYSTEM CURRICULUM GUIDE

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

The following appendix is useful in interpreting five tables in this report. They include: Table 2 - First Job Relatedness, Table 3 - First Job Occupational Cluster, Table 6 - Employment Status One Year After Graduation, Table 9 - Present Job Occupational Cluster, and Table 35 - Graduates From Each Curriculum. The appendix contains the same broadly and closely related groups that the Vocational Follow-Up System used to code student occupations.

The "900" numbers refer to the broad occupational clusters of related occupations. For example, AGRICULTURAL RELATED OCCUPATIONS (902) is the broad occupational cluster which links Agri-Business (50), Agri-Technology (37), Equipment Parts and Sales (42), Farm Equipment Mechanics (13), and Farm Management (51). This "900" number was used to specify the broad occupational cluster of a student's first job and his job one year after graduation.

The other set of numbers ranges from 01 to (99). These numbers were used to identify the specific curriculum areas from which the graduates included in this report graduated.

Both sets of numbers were also used to determine whether a person was employed in a closely related or a broadly related occupation. If a graduate was employed in an occupation which could be classified as the same curriculum area as the program from which he graduated (e.g., he graduated from Agri-Business (50) and entered an Agri-Business occupation) his job was classified as closely related to training.

If a graduate was employed in an occupation included in the broad occupational cluster but not in the exact occupation for which he trained (e.g., he graduated from Agri-Business (50) and was employed in an Agri-Technology

APPENDIX A - SYSTEM CURRICULUM GUIDE
(continued)

(37) occupation), his job was classified as broadly related but not closely related to training. In the above example, the student's occupation was coded as 902, AGRICULTURAL RELATED OCCUPATIONS. A person's job was designated unrelated to training if his occupation was not included within the same broad occupational cluster as the curriculum from which he graduated.

In some cases the specific title of a program offered at a specific school varies from the list in this appendix. However, it is quite apparent in most cases where the specific program should be classified.

Some curriculums, such as Fashion Merchandising (57), Farm Equipment Mechanics (13), and Agri-Business (50) are placed under two or three broad occupational clusters because they are broadly related to more than one cluster. For example, a graduate of Farm Equipment Mechanics (13) employed in an occupation under either the AGRICULTURAL RELATED OCCUPATIONS (902) cluster or the MACHINERY REPAIR RELATED OCCUPATIONS (923) cluster would in each case be employed in an occupation broadly related to training.

Such occupations were only classified under one of the categories in the tables which indicate the broad occupational clusters of graduates' first jobs and jobs one year after graduation (tables 3 and 9). They were classified under the broad occupational cluster category in which the curriculum area is preceded by an asterisk (*). For example, Farm Equipment Mechanics (13) is under both the AGRICULTURAL RELATED OCCUPATIONS (902) and the MACHINERY REPAIR RELATED OCCUPATIONS (923) clusters. However, in coding the job classification of a graduate employed as a farm equipment mechanic in the tables which indicate the broad occupational clusters for his first and present jobs he was categorized in the MACHINERY REPAIR RELATED OCCUPATION (923) category. Therefore, Farm Equipment Mechanics (13) is preceded by an asterisk under the MACHINERY REPAIR RELATED OCCUPATIONS but not under the AGRICULTURAL RELATED OCCUPATIONS (902).

APPENDIX A - SYSTEM CURRICULUM GUIDE

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

901. ACCOUNTING AND CLERICAL RELATED OCCUPATIONS

45. Accounting
Bookkeeping

88. Bank Teller
Banking and Finance

47. Clerical
General Office Practice
Insurance Procedures
Loan Clerk
Typing and Related

49. Data Processing
Clerical Training and Keypunch
Computer Operator
Computer Programmer
Computer Programming for Accountants
Keypunch

*96. Medical Clerical
Hospital Service Coordinator
Hospital Station Secretary
Medical Receptionist

*91. Medical Secretarial
Medical Office Assistant
Medical Office Services
Medical Secretarial

94. Purchasing and Inventory Management

48. Secretarial
Clerical Secretary
Educational Office Occupations
Law Enforcement Occupations
Personnel Office
Secretarial, Finance
Secretarial, Legal
Secretarial, Stenography
Steno-Clerical
Traffice Office

902. AGRICULTURAL RELATED OCCUPATIONS

*50. Agri-Business
Agri-Business Sales and Management
Agricultural Banking

37. Agri-Technology
Ag Chemicals and Seed Technology
Agricultural Supplies Technology
Irrigation Technology
Specialty Crops

13. Farm Equipment Mechanics
Agri-Business Materials Handling

51. Farm Management
Production Agriculture

903. ART RELATED OCCUPATIONS

68. Commercial Art
Production Art

52. Technical Illustration

904. BROADCASTING RELATED OCCUPATIONS

63. Broadcasting
Radio Broadcasting
Telecasting and Broadcasting Technology

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

905. CLOTHING RELATED OCCUPATIONS

*57. Fashion Merchandising
Fashion Management
Men's Wear Management
Men's Wear Merchandising

53. Needle Arts
Apparel Arts
Apparel Specialist
Commercial Tailoring
Tailoring

89. Drycleaning and Laundry

906. CONSTRUCTION WORKER RELATED OCCUPATIONS

*04. Carpentry

78. Construction Worker

907. CUSTODIAL RELATED OCCUPATIONS

71. Custodial Worker
Building Cleaning & Care
Custodial Service
Household, Commercial and Domestic Aid

908. DRAFTING RELATED OCCUPATIONS

09. Architectural Drafting and Design
Electrical Drafting

35. Highway Technology
Civil Technology
Civil Engineering Technology

08. Mechanical Drafting and Design
Design Technology
Engineering Drafting Technician
Industrial Drafting
Municipal Engineering Technology

909. EDUCATIONAL AIDE RELATED OCCUPATIONS

66. Child Development Assistant

76. Educational Aide
Teacher Aide

910. ELECTRICITY - ELECTRONICS RELATED OCCUPATIONS

82. Electro-Medical Technology

01. Electronics
Communications
Electronics Engineering Technology
Industrial Electronics
Instrumentation and Computer Maintenance
Mobile Communications Technology
Radio and TV Repair
Radio, TV, and Home Entertainment Equipment Service

02. Power and Home Electricity
Construction Electrician
Electrical Maintenance
Electrical Technology
Electrician, Power Distributing Industries
Lineman Electrician
Total Energy

58. Telephone Communications Technician

911. ELECTRO - MECHANICAL TECHNOLOGY RELATED OCCUPATIONS

*92. Construction Mechanical Trades

40. Electro-Mechanical Technology
Building, Electrical, and Mechanical Maintenance
Building Operation and Maintenance
Industrial Instrumentation

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

911. ELECTRO - MECHANICAL TECHNOLOGY RELATED OCCUPATIONS (continued)

32. Mechanical Refrigeration, Air Conditioning, and Heating
Major Appliance Service
Refrigeration, Heating, Air Conditioning, and Appliance Repair

912. FARRIER RELATED OCCUPATIONS

70. Farrier

913. FOOD SERVING AND/OR PROCESSING RELATED OCCUPATIONS

31. Bakery Procedures

62. Butcher and Meat Cutting

15. Chefs, Cooks, and Food Management
Commercial Foods
Commercial Cooking and Baking
Dietetic Assistant
Food Service Management
Quality Food Production and Management
Quantity Food Preparation
Restaurant and Hotel Cookery Management
Service Occupations and Occupational Home Economics

85. Waiter, Waitress

914. FOREST INDUSTRY RELATED OCCUPATIONS

61. Conservation and Forestry
Forest Harvesting Technician
Land Construction Conservation Technology
Natural Resource Technician

36. Paper and Pulp Technology

915. GRAPHIC ARTS RELATED OCCUPATIONS

79. Audio-Visual Technology
Audio-Video Technician
Television and Audio-Video Production

07. Printing and Graphic Arts
Offset Printing

916. GROOMING RELATED OCCUPATIONS

24. Barbering

17. Cosmetology

917. HEALTH RELATED OCCUPATIONS

*66 Child Development Assistant
Child Service Technology

33. Dental Assistant
Dental Lab Technician

96. Medical Clerical
Hospital Service Coordinator
Hospital Station Secretary
Medical Receptionist

39. Medical Laboratory Assistant

91. Medical Secretarial
Medical Office Assistant
Medical Office Services
Medical Record Technician

67. Nurse's Aide or Orderly
Home Health Aide
Nursing Assistant
Psychiatric Technician

74. Occupational Therapy Assistant

03. Practical Nursing

80. Surgical Technician

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

918. INDUSTRIAL SUPERVISION RELATED OCCUPATIONS

69. Industrial Foremanship Training

919. JEWELRY/WATCH REPAIR RELATED OCCUPATIONS

55. Jewelry
Metal Arts

27. Watch Repair

920. LABORATORY ASSISTANT RELATED OCCUPATIONS

77. Chemical Technology
Chemical Laboratory Technician

*39. Medical Laboratory Assistant

921. LANDSCAPE/FLORISTRY RELATED OCCUPATIONS

34. Nursery/Landscape Technology

43. Retail Floristry

922. LAW ENFORCEMENT RELATED OCCUPATIONS

60. Law Enforcement

923. MACHINERY REPAIR RELATED OCCUPATIONS

18. Aircraft Mechanics
Avionics (Aviation Electronics)

*75. Auto Body Repair
Automobile Body Repairman
Used Car Renovator

(continued)

923. MACHINERY REPAIR RELATED OCCUPATIONS (continued)

06. Automotive
Auto Mechanics
Automobile Management
Automobile Tune-Up
Automotive Service Specialist
Automotive Technician
Wheel Alignment and Brake Service

86. Automotive Machinist

10. Diesel Mechanics
Heavy Truck and Diesel Engine Mechanics
Truck Mechanics

42. Equipment Parts and Sales
Auto Parts Counterman
Partsman Training

*13. Farm Equipment Mechanics
Agri-Business Materials Handling

22. Fluid Power Technology and Hydraulics
Industrial Hydraulics and Pneumatics

56. Heavy Equipment
Heavy Equipment Operation and Maintenance

25. Marine and Small Engine Mechanics

19. Service Station Mechanic
Service Station Sales and Repair

924. MACHINIST RELATED OCCUPATIONS

*86. Automotive Machinist

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

924. MACHINIST RELATED OCCUPATIONS (continued)

11. Machine Shop
Machine Operator
Machine Tool Operator
Machine Tool Process
Machine Tool Rebuilding
Machinist
Numerical Control Technology
Production Machinist

46. Maintenance Mechanic

23. Pattern Making

26. Plastic Injection Molding Technology

05. Tool and Die
Machine Shop - Die Making
Machine Tool and Die
Tool Design Technician
Tool, Die, Mold-Making
Tool Engineering Technician

925. MASONRY RELATED OCCUPATIONS

28. Bricklaying

926. MOBILE HOMES SERVICES RELATED OCCUPATIONS

84. Mobile Homes Services

927. NEWSPAPER RELATED OCCUPATIONS

87. Newspaper Skills

928. OFFICE MACHINE MECHANIC RELATED OCCUPATIONS

30. Office Machine Mechanics

929. OPTIC RELATED OCCUPATIONS

38. Optical Technology

930. PAINTING AND DECORATING RELATED OCCUPATIONS

95. Painting and Decorating

931. PHOTOGRAPHIC RELATED OCCUPATIONS

72. Photographic Technology

932. PIPEFITTING AND PLUMBING RELATED OCCUPATIONS

92. Construction Mechanical Trades

21. Plumbing
Pipefitting

93. Water Well Drilling

933. SALES RELATED OCCUPATIONS

50. Agri-Business
Agri-Business Sales and Manufacturing
Agricultural Banking

*42. Equipment Parts and Sales
Auto Parts Counterman
Partsman Training

57. Fashion Merchandising
Fashion Management
Men's Wear Management
Men's Wear Merchandising

44. Interior Design and Sales Assistant

59. International Documents Specialist

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

933. SALES RELATED OCCUPATIONS (continued)

41. Sales and Business Management
Aviation Administration
Food Merchandising
Hardware Marketing & Building Supplies
Lumberyard Management
Marketing-Merchandising
Produce Management
Retail Merchandising
Sales Associate
Sales and Marketing
Small Business Management
Supermarket Management
Wholesaling, Retailing Marketing-Management

934. SHEET METAL RELATED OCCUPATIONS

92. Construction Mechanical Trades

64. Sheet Metal
Sheet Metal and Design

935. SHOE REPAIRING RELATED OCCUPATIONS

16. Shoe Repairing

936. TESTING RELATED OCCUPATIONS

83. Industrial Technology
Industrial Lab Technician
Quality Control Technician

14. Testing Technology and Metal Fabrication

937. TRANSPORTATION RELATED OCCUPATIONS

81. Air Traffic Control

54. Traffic Transportation Management

90. Truck Driver

938. UPHOLSTERING RELATED OCCUPATIONS

29. Upholstering

939. WASTE AND WATER TREATMENT TECHNOLOGY RELATED OCCUPATIONS

73. Waste and Water Treatment Technology

940. WELDING RELATED OCCUPATIONS

75. Auto Body Repair
Automobile Body Repairman
Used Car Renovator

12. Welding

941. WOODWORKING RELATED OCCUPATIONS

20. Cabinetmaking

04. Carpentry

942. UNSKILLED WORKER

943. MISCELLANEOUS OCCUPATIONS

APPENDIX B

COUNTIES INCLUDED IN MINNESOTA'S ELEVEN ECONOMIC PLANNING REGIONS

Region 1

Kittson
Roseau
Marshall
Pennington
Red Lake
Polk
Mahnomen

Region 2

Lake of the Woods
Koochiching
Beltrami
Clear Water
Hubbard

Region 3

Cook
Lake
St. Louis
Itasca
Carlton

Region 4

Norman
Clay
Becker
Otter Tail
Wilkin
Grant
Douglas
Traverse
Stevens
Big Stone

Region 5

Cass
Wadena
Crow Wing
Aitkin
Todd
Morrison

Region 6

Pope
Swift
Lac Qui Parle
Chippewa
Kandiyohi
Yellow Medicine
Renville
Redwood

Region 7

Pine
Kanabec
Mille Lacs
Benton
Sherburne
Stearns
Isanti
Chisago
Meeker
Wright

Region 8

Lincoln
Lyon
Pipestone
Murray
Cotton Wood
Rock
Nobles
Jackson
Martin

Region 9

McLeod
Sibley
Nicollet
Le Seuer
Rice
Brown
Watonwan
Blue Earth
Waseca
Faribault

Region 10

Goodhue
Wabasha
Steele
Dodge
Olmsted
Winona
Freeborn
Mower
Fillmore
Houston

Region 11

Anoka
Hennepin
Ramsey
Washington
Carver
Scott
Dakota